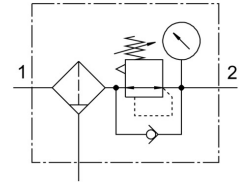


# Filter regulator MS9-LFR-G-D6-CUM-DI-AG-BAR-AS

Part number: 564116

**FESTO**



## Data sheet

| Feature                          | Value                                                                                                                    |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Size                             | 9                                                                                                                        |
| Series                           | MS                                                                                                                       |
| Actuator lock                    | can be closed with accessories                                                                                           |
| Mounting position                | Vertical +/- 5°                                                                                                          |
| Grade of filtration              | 5 µm                                                                                                                     |
| Condensate drain                 | Manually rotating                                                                                                        |
| Structural design                | Directly controlled compressed air filter diaphragm regulator                                                            |
| Max. condensate volume           | 220 ml                                                                                                                   |
| Controller function              | Outlet pressure constant<br>With primary pressure compensation<br>With secondary exhausting<br>With return flow function |
| Symbol                           | 00991589                                                                                                                 |
| Pressure gauge                   | with pressure gauge                                                                                                      |
| Operating pressure               | 1 bar ... 20 bar                                                                                                         |
| Pressure regulation range        | 0.5 bar ... 7 bar                                                                                                        |
| Max. pressure hysteresis         | 0.4 bar                                                                                                                  |
| Operating medium                 | Compressed air as per ISO 8573-1:2010 [-:4:-]<br>Inert gas                                                               |
| Corrosion resistance class (CRC) | 2 - Moderate corrosion stress                                                                                            |
| Storage temperature              | -10 °C ... 60 °C                                                                                                         |
| Air quality class at the output  | Compressed air as per ISO 8573-1:2010 [6:4:4]                                                                            |
| Temperature of medium            | -10 °C ... 60 °C                                                                                                         |
| Ambient temperature              | -10 °C ... 60 °C                                                                                                         |
| Product weight                   | 2400 g                                                                                                                   |
| Type of mounting                 | Optionally:<br>Line installation<br>With accessories                                                                     |
| Covering material                | PA-reinforced                                                                                                            |
| Material of spin disc            | POM                                                                                                                      |
| Material of filter support       | POM                                                                                                                      |
| Note on materials                | RoHS-compliant                                                                                                           |
| Material of sub-base             | Die-cast aluminum                                                                                                        |
| Material of mounting bracket     | Die-cast aluminum                                                                                                        |
| Compressed air filter material   | PE                                                                                                                       |
| Housing material                 | Die-cast aluminum                                                                                                        |
| Module connector material        | Die-cast aluminum                                                                                                        |

| Feature                    | Value                                |
|----------------------------|--------------------------------------|
| Diaphragm material         | NBR                                  |
| Material of bowl           | Wrought aluminum alloy               |
| Shell sealing material     | NBR                                  |
| Inspection window material | PA                                   |
| Separating disc material   | POM                                  |
| Valve tappet material      | Wrought aluminum alloy<br>NBR<br>POM |